



TV SOUND BASE WITH DAB+ RADIO AND BLUETOOTH STREAMING

BAS520BT



USER MANUAL

Important Safety Instructions



1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use the speaker near water.
6. Clean only with dry cloth.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS SPEAKER TO RAIN OR MOISTURE.

To reduce the risk of electrical shock, fire, etc.:

1. Do not place near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
2. Do not block any ventilation openings of this product.
3. The device shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the device.
4. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at any point where they exit from the device.
5. Please read Rating Labels on the back of unit for power input and other safety information.
6. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
7. Repair or replace all electric service cords that have become frayed or otherwise damaged immediately. Do not use a cord that shows cracks or abrasion damage along its length, the plug, or the connector end.
8. To prevent fire or shock hazard, do not use this plug with an extension cord or other outlet unless the blades can be fully inserted to prevent blade exposure.
9. To prevent fire or shock hazard, do not expose this device to rain or moisture.
10. Do not place any heavy loads onto the unit, and do not step on it, the load may fall and cause serious injury to the unit.
11. Do not attempt to carry out any service work yourself. By opening or removing the cabinet, you may be exposed to dangerous voltage or other hazards. Any service work should be carried out by qualified technicians.
12. During lightning or raining days, unplug the unit for additional protection during thunderstorms or when the unit is not used for prolonged periods. This will prevent damage to the unit from lightning and power surges.
13. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit switched on while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.
14. The battery of remote control shall not be exposed to excessive heat such as sunshine, fire or the like.
15. Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- I Reorient or relocate the receiving antenna.
- I Increase the separation between the equipment and receiver.
- I Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- I Consult the dealer or an experienced radio/TV technician for help.

The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, simply reset the product to resume normal operation by following the instruction manual. In case the function could not resume, please use the product in other location.

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Caution: To maintain compliance with the FCC's RF exposure guidelines, place the unit at least 20cm from nearby persons.

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Getting Started

Carefully remove your Sound Base from the box. You may want to store the packaging for future use.

What you can find inside the package

- n** Main unit x1
- n** AC power cord x1
- n** DAB+/FM antenna x1
- n** Remote control x1 + AAA alkaline battery x 2
- n** Instruction manual x1

Setting Up your Sound Base

- n** This unit is designed to be positioned under your TV. The unit supports a TV up to a maximum dimension of 48 cm (W) x 30 cm (D) for its base and within a maximum load of 30 kg.

Avoid the following locations:

- n** Where the unit will be exposed to direct sunlight.
- n** Where the unit will be close to heat radiating sources.
- n** Where the humidity is high and ventilation is poor.
- n** Where it is dusty.
- n** Where it is damp or there is a possibility of water dripping or splashing onto unit.

Adjusting the Antenna

Screw the DAB+/FM antenna to **DAB/FM ANT.** socket. Extend the soft antenna to ensure you receive the best reception possible for both DAB+ and FM radio modes. It may be necessary to adjust the position of the unit and /or antenna to achieve the best signal reception.

Turning the Unit On/Off

Connect the power cord to the **AC IN** socket on the back of the unit. Then insert the plug on the other end of power cord into the mains socket. Press **STANDBY/ON** button to switch the unit on or standby. To switch the unit off completely, unplug the power cord from the mains socket.

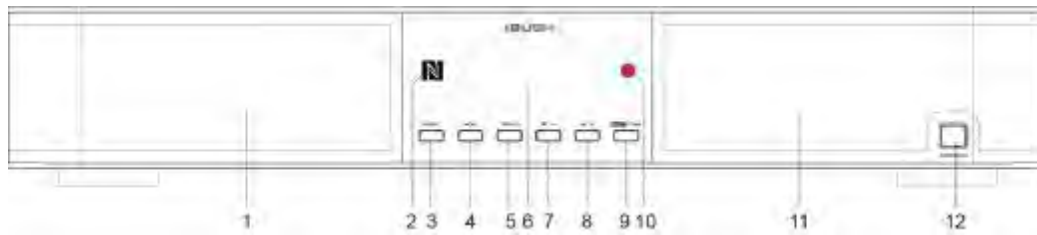
Automatic Power Off Function

The unit automatically turns to standby mode after 10 minutes if the TV or the external unit is disconnected, switched off or the volume is too close to mute in **Bluetooth**, **AUX IN 1 Input**, **AUX IN 2 Input**, **Optical 1 Input**, **Optical 2 Input** and **Coaxial Input** mode.

Volume Control

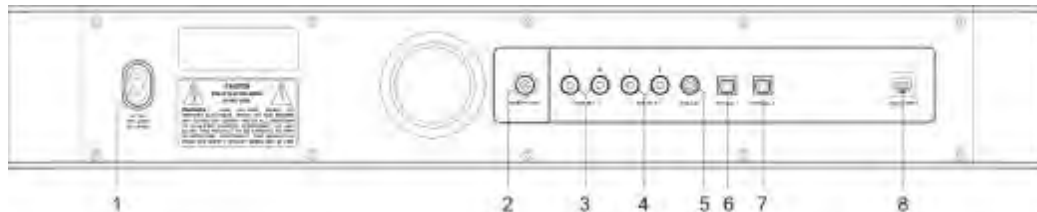
Adjust the unit volume by pressing ▼/– or ▲/+ button.

Front View



- | | |
|---|---|
| <ol style="list-style-type: none"> 1. Left speaker grill 2. NFC for Bluetooth connection 3. SOURCE button
Press to switch among DAB+, FM, Bluetooth, AUX IN1 Input, AUX IN 2 Input, Optical1 Input, Optical2 Input, Coaxial Input modes. 4. MENU button
Press to display menu screen. 5. PRESET button
Press and hold to store preset station. Press to recall stored preset station. 6. LCD display 7. ▼ / - button
Press to upwards browse options in menu screen.
Press to decrease volume level when a program/track is playing. | <ol style="list-style-type: none"> 8. ▲ / + button
Press to upwards browse options in menu screen.
Press to decrease volume level when a program/track is playing. 9. SELECT button
Press to confirm selection when in menu setting.
TUNE button
Press to shift volume adjusting function to tuning function of ▼ / - and ▲ / + buttons. 10. Remote control sensor 11. Right speaker grill 12. STANDBY/ON button
Press to switch unit on or standby. |
|---|---|

Back View



- | | |
|--|---|
| <ol style="list-style-type: none"> 1. AC IN socket 2. DAB/FM ANT. socket 3. AUX IN 1 socket 4. AUX IN 2 socket | <ol style="list-style-type: none"> 5. COAXIAL socket 6. OPTICAL 1 socket 7. OPTICAL 2 socket 8. UPDATE PORT (Please leave this for service professional!) |
|--|---|

Remote Control



1. button
Press to switch unit on or standby.
2. **SELECT** button
Press to confirm your selection.
3. buttons
Press to browse options.
4. **VOL +/-** buttons
Press to adjust volume.
5. **INFO** button
Press to view station information.
6. **MENU** button
Press to display menu options.
7. **SLEEP** button
Press to set sleep time.
8. **MUTE** button
Press to mute unit, press again to resume sound.
9. **SCAN** button
Press to scan DAB+ or FM stations.
10. button
Press to skip to previous track in Bluetooth mode.
11. button
Press to skip to next track in Bluetooth mode.
12. button
Press to pause or play current track in Bluetooth mode.
13. **1-10** buttons
Press and hold to save preset stations.
Press to recall a saved preset station
14. **SOURCE** button
Press to switch among DAB+, FM, Bluetooth, AUX IN1 Input, AUX IN2 Input, Optical1 Input, Optical2 Input, Coaxial Input modes.
15. **EQ** button
Press to select preset equaliser.

The way of replace batteries:

1. Open the battery compartment cover by using your thumb downward push the bulge of the back of your remote control.
2. Install 2pcs new AAA size batteries, referring to the markings direction inside the battery compartment.
3. Cover the battery compartment door.

Note:

Do not reverse any battery and do not mix battery types, also do not mix old and new batteries. When discard your old battery, please considering eco-friendly.

DAB+ Mode

When the first time you turn on the unit it will automatically search and store all the available stations. You should conduct an additional Full Scan to ensure all stations are picked up and stored. It is also recommended every few months to run a new scan to pick up any new DAB+ that may have begun broadcasting after purchasing your unit.

1. For initial use, your unit will conduct a full scan and store stations list in memory.



2. Once the scanning is completed, the DAB+ stations will be displayed in alphanumeric order. The first station in the list will be selected.

Note:

1. The DAB+ stations will be displayed and stored in alphanumeric order.
2. If no DAB+ signal is found, it may be necessary for you to relocate your unit.

Station List

This feature enables you to select a station from available station list.

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Station List**, press **SELECT** button to confirm.
2. Or, while a program is playing, press **TUNE** button first then press ▼ / – or ▲ / + button to show station list.
3. Press ▼ / – or ▲ / + button to browse stations list, and then press **SELECT** button to confirm. The selected station will be broadcast.

Full Scan

This feature enables your unit to scan for all available stations.

Press **MENU** button and then press ▼ / – or ▲ / + button to select **Full Scan**, press **SELECT** button to confirm.

Storing Preset Stations

Note:

This is the same for DAB+ and FM stations.

Your unit can store up to 10 of your favourite DAB+ and FM stations as preset stations. This will enable you to access your favourite stations quickly and easily.

1. Press and hold **PRESET** button until LCD display shows '**Preset Store <1: (Empty)>**'.



2. Press ▼ / – or ▲ / + button to select among preset numbers 1-10.
3. Press **SELECT** button to confirm, the LCD display shows '**Preset # stored**'.

Recalling Preset Stations

Note:

This is the same for DAB+ and FM stations.

1. Press **SOURCE** button to select the mode (DAB+ or FM) you want to play.
2. Press ▼ / – or ▲ / + button to select through stored preset stations, and then press **SELECT** button to confirm the station which you want to play.

FM Mode

Selecting FM Mode

1. Press **SOURCE** button repeatedly to select FM mode.
2. For initial use, it will start at the beginning of the FM frequency range (87.50MHz). Or it will play the last FM station you were listening to.



3. To manually change the FM frequency, while FM frequency shows up, press **TUNE** button first and then press $\blacktriangledown / -$ or $\blacktriangle / +$ button to change the frequency by 0.05MHz per step.
4. To automatically scan, while FM frequency shows up, press **TUNE** button first and then press and hold $\blacktriangledown / -$ or $\blacktriangle / +$ button, your unit will skip backwards or forwards until it reached the next available station.

Scan Setting

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations.

1. To change the scan settings to stop only at stations with good signal strength, press **MENU** button and then press $\blacktriangledown / -$ OR $\blacktriangle / +$ button to select **Scan setting**, press **SELECT** button to confirm.
2. Press $\blacktriangledown / -$ OR $\blacktriangle / +$ button to browse 'Strong stations only', and then press **SELECT** button to confirm.

Audio Setting

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss).

1. To play weak stations in mono, press **MENU** button and then press $\blacktriangledown / -$ OR $\blacktriangle / +$ button to select **Audio setting**, press **SELECT** button to confirm.
2. Press $\blacktriangledown / -$ OR $\blacktriangle / +$ button to browse 'Forced mono', and then press **SELECT** button to confirm.

Bluetooth Mode

The unit has a Bluetooth function that can receive a signal approx. within 10 meters.

Pair the unit with a Bluetooth device to listen to music:

1. Press **SOURCE** button repeatedly to select **Bluetooth** mode.
2. The LCD display will show '**BT Ready**'.
3. Activate your Bluetooth device and select the search mode.
4. '**Digital Radio Station**' will appear on your Bluetooth device.
5. Select '**Digital Radio Station**' and enter "0000" for the password if necessary.
6. '**Device Connected**' will show on the LCD display when connection is successful.
7. To disconnect current Bluetooth connection, press **MENU** button, and then press ▼ / — or ▲ / + button to select **Disconnect**. Press **SELECT** button to confirm disconnecting.

NFC (Near Field Communication)

NFC enable you pair and connect with Bluetooth devices in a easy way.

1. Press **SOURCE** button repeatedly to select **Bluetooth** mode.
2. Make sure that your NFC is turned "On" on your mobile device.
3. Hold your mobile device about 2cm close to NFC logo on front panel for receiving an auto-connection between your mobile device and unit.
4. Your device then will turn-on Bluetooth automatically and will pair your device with unit.
No additional settings are necessary.

Aux In Input

This feature enables the unit playing sound from your audio device.

1. Before connecting to the mains socket, connect the Red(**L**) and Black(**R**) plugs at the end of the RCA cable (not supplied) to the **AUX IN 1** socket which is located on the back of this unit. Then insert the other end of your RCA cable to your audio device.
2. Connect power cord to mains socket, press **STANDBY/ON** button to switch unit on.
3. Press **SOURCE** button repeatedly to select **AUX IN 1 Input** mode.

Note:

The operations are the same for AUX IN 1 Input and AUX IN 2 Input modes.

Optical Input

This feature enables the unit playing sound from your audio device.

1. Before connecting to the mains socket, connect a fiber-optical digital cable (not supplied) to **OPTICAL1** socket on the back of the unit.
2. Connect power cord to mains socket, press **STANDBY/ON** button to switch unit on.
3. Press **SOURCE** button repeatedly to select **OPTICAL1 Input** mode.

Note:

1. The operations are the same for OPTICAL 1 Input and OPTICAL 2 Input modes.
2. If there is no sound output and the OPTICAL indicator flashes, ensure the audio setting of the input source (e.g. TV, game console, DVD player, etc.) is set to PCM mode with optical input.

Coaxial Input

This feature enables the unit playing sound from your audio device.

1. Before connecting to the mains socket, connect a coaxial digital cable (not supplied) to **COAXIAL** socket on the back of the unit.
2. Connect power cord to mains socket, press **STANDBY/ON** button to switch unit on.
3. Press **SOURCE** button repeatedly to select **Coaxial Input** mode.

General Operations

Setting Sleep

This function enables the unit to switch to standby mode by itself after a set sleep time.

1. Press **MENU** button and then press ▼/– or ▲/+ button to select **Sleep**, press **SELECT** button to confirm.
2. Press ▼/– or ▲/+ button to view options **Sleep off, 15, 30, 45, 60 and 90 minutes**, and then press **SELECT** button to confirm. The sleep icon  will show on the display.
3. To view the set sleep time, redo above step 1.
4. To turn the sleep function off while the sleep timer is still counting down, select '**Sleep**' option, press ▼/– or ▲/+ button to select '**Sleep off**'.

Setting Alarm

Your unit includes dual alarms. Setting Alarm, make sure that set time at first.

1. Press **MENU** button and then press ▼/– or ▲/+ button to select **Alarm**, press **SELECT** button to confirm.
2. Press ▼/– or ▲/+ button to browse 'Alarm 1 Setup' and 'Alarm 2 Setup', press **SELECT** button to confirm.  or  will flash on the display.
3. Follow your unit's instructions to configure the following parameters:

Alarm states:	On or Off
Alarm time:	On Time: 00:00 (manually set up the time)
Alarm duration time:	15/30/45/60/90 minutes
Alarm source:	DAB, FM or Buzz
Last listened:	Last listened or saved preset station (not available for Buzz mode).
Alarm active day:	Daily, Once, Weekends or Weekdays
Alarm volume:	press ▼/– or ▲/+ button to set the alarm volume

4. When display shows 'Alarm Saved', the alarm setting is successful.
5. To temporarily switch off alarm, press **SELECT** button to activate Snooze function when the alarm sounds. Press **SELECT** button repeatedly can set Snooze time of 5, 10, 15 or 30 minutes in turn.
6. To turn off alarm, press **STANDBY/ON** button when the alarm sounds.
7. To cancel Alarm, refer to steps1-3 to set Alarm states to 'Off'.

Note:

Selecting Snooze period time depends on which alarm duration time you selected.

Setting Equaliser

This feature enables you to choose a sound equalization profile. Each of the equalization setting will change the tone of the sound from your unit when selected.

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Equaliser**, press **SELECT** button to confirm.
2. Press ▼ / – or ▲ / + button to cycle through Live, Movie, Jazz, Rock, Pop, Flat and My EQ sound equalization profiles, press **SELECT** button to confirm.
3. To set “My EQ...” profile, press ▼ / – or ▲ / + button to select Treble or Bass, and then press **SELECT** button to confirm. Press ▼ / – or ▲ / + button to set the level of Treble or Bass. The level can be set between -10 to +10, and then press **SELECT** button to confirm.

Setting Time

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Time**, press **SELECT** button to view options as below:

Set Time/Date:	Manually set-up both Time and Date
Auto Update:	‘Update from Any’, ‘Update from DAB’, ‘Update from FM’ or ‘No update’
Set 12/24 Hour Format:	‘Set 24 hour’ or ‘Set 12 hour’
Set Date Format:	‘DD-MM-YYYY’ or ‘MM-DD-YYYY’

2. Then setting time according to your personal preference.

Setting Backlight

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Backlight**, press **SELECT** button to confirm.
2. Press ▼ / – or ▲ / + button to set backlight level between Level 0 to Level 10, then press **SELECT** button to confirm.

Setting Language

This feature enables you unit change to other languages.

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Language**, press **SELECT** button to confirm.
2. Press ▼ / – or ▲ / + button to browse, and then press **SELECT** button to select you desired language.

Factory Reset

Doing a factory reset resets all user settings to default values, so time/date, alarm settings and presets are lost.

1. Press **MENU** button and then press ▼ / – or ▲ / + button to select **Factory Reset**, press **SELECT** button to confirm.
2. Press ▼ / – or ▲ / + button to select '**Yes**', and then press **SELECT** button to confirm.

Software Upgrade

Please leave this for service professional!

If you selected **Software Upgrade** accidentally, please select '**No**' to exit this option.

SW Version

Press **MENU** button and then press ▼ / – or ▲ / + button to select **SW version**, press **SELECT** button to confirm. The software version will show on the LCD display.

Specification

ITEMS	SPECIFICATIONS
Description:	SOUND BASE WITH DAB+ RADIO AND BUILT-IN SUBWOOFER
Frequency Ranges:	DAB+: 174.928 – 239.200MHz FM: 87.5-108MHz
Power Supply:	AC Input: 100-240Vac, 50-60Hz
Audio Output Power:	20W rms x 4 + 40W rms subwoofer
Power Consumption:	130W (Max)
Dimension (W x D x H):	520mm x 330mm x 90mm



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.



For more information and support visit:

www.bushaustralia.com.au

YOUR WARRANTY

For any Warranty Enquires, please call:

1300 055 518

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.